

09456869-120899

What is claimed is:

1. A device for seizing a flat material on a transporting surface comprising:
a first cylinder having a surface and having knife assemblies assigned to the surface;
a paper-conducting cylinder having an outer circumference and supporting a flat material on the outer circumference; and
a biased product seizing element assigned to the surface, the biased product seizing element adopting an engaging position upon cooperation with said flat material received on the outer circumference.
2. The device as recited in claim 1 wherein said product seizing element in the engaging position punctually engages on a leading edge of a web of material.
3. The device as recited in claim 1 wherein said product seizing element is located extending over the width of the surface of the first cylinder.
4. The device as recited in claim 1 wherein said product seizing element is biased by a pretensioning element.
5. The device as recited in claim 1 wherein said product seizing element is mounted in an inclined orientation with respect to one of the knife assemblies.
6. The device as recited in claim 1 wherein said product seizing element is received in a respective knife box mounted in a periphery of said first cylinder.
7. The device as recited in claim 1 wherein said product seizing element comprises rounded head portions.

8. The device as recited in claim 1 wherein said product seizing element is equipped with a friction reducing coating.

9. The device as recited in claim 1 wherein said product seizing element in the engaged position seizes a respective leading edge adjacent to the impact zone of said knife assemblies.

10. The device as recited in claim 1 wherein the product seizing element is biased through a pressure source.

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11. A paper conducting assembly in a folder apparatus, comprising:
a first cylinder having a circumference and knife assemblies assigned to the circumference;
a paper conducting cylinder having an outer circumference and supporting a flat material on the outer circumference; and
a biased product seizing element assigned to the circumference of said first cylinder adopting an engaging position upon cooperation with said flat material received on said outer circumference.

12. A pinless folder apparatus for processing a flat material comprising:
a first cylinder having a circumference and having knife assemblies assigned to the circumference;
a paper conducting cylinder having an outer circumference and supporting a flat material on the outer circumference;
a biased product seizing element assigned to the outer circumference; and
a biased seizing element assigned to the circumference of the first cylinder adopting an engaging position upon cooperation with said flat material received on said outer circumference.

1-28
13. A method for seizing of flat material on different supporting surfaces comprising the steps of:
supporting a leading edge of a web of material on a supporting surface; and

having a product seizing element adopt a first disengaged position upon entry of the web of material in a cutting area.

14. The method as recited in claim 13, wherein said product seizing element adopts a respective engaging position on contact of said product seizing element with said leading edge of said web of material upon said cutting area.

15. The method as recited in claim 13 wherein said product seizing element adopts a second disengaged position after said product seizing element has released the respective leading edge of said web of material upon seizing of said newly created leading edge by a gripper element.

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